APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHUK, Leonid Karpovich [Hrinchuk L.K.]; GAYDUCHOK, G.A. [Haiduchok, H.A.], red.; TIMCHICHINA, N.A. [Tymchychyna, N.A.], tekhn. red.

[Sourse of high milk yields] Dzherelo rik molochnykh. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1961. 22 p. (MIRA 15:7)
(Ukraine--Forage plants)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

L 17127-65
ACCESSION NR: AP5000673

transition of impurities from the active state to the passive state (deactivation) takes place at a temperature of 800C and is associated with the diffusion of impurity atoms to the centers of coagulation, while the transition of impurities from the passive state to the active state takes place at 1250C and is associated with the diffusion of impurity atoms to silicon lattice points or interstitials where they appear as electrically active acceptors or donors. The distances between coagulation centers and the magnitude of the diffusion coefficient of the impurity atoms determine the time of activation (or deactivation) of impurities. Activation of impurities should be observed in all semiconductors in which the solubility of fast-diffusing impurities depends strongly on temperature. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED: 24Jun64 ENCL: 00 SUB CODE: SS

NO REF SOV: 002 OTHER: 006 ATD PRESS: 3150

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

L 17127-65 EEC(b)-2/EWT(1)/EWT(m)/EWP(b)/T/EWP(t) IJP(c) JW/JD
ACCESSION NR: AP5000673 S/0181/64/006/012/3701/3702

AUTHOR: Grinchuk, K. D.; Litovchenko, N. M.

TITLE: Activation of impurity centers in silicon

SOURCE: Fizika tverdogo tela, v. 6, no. 12, 1964, 3701-3702

TOPIC TAGS: impurity center, impurity activation, impurity deactivation

ABSTRACT: The dependence of the concentration of equilibrium electrons n_0 and holes p_0 on impurity centers has been investigated in silicon specimens containing Au, Zn, Pt, S, and Fe impurity atoms. The initial specimens were those whose conductivity was determined by means of easily ionized donors N_g or acceptors N_a. When the impurities were introduced by means of diffusion at 1250C with concentrations of $N \gtrsim 10^{16}$—10^{17} cm^{-3} > N_a or N_g, they were activated. Thermal treatment of specimens at 800C deactivated the impurities. Subsequent heating of specimens with deactivated impurities at 1250C reactivated the impurity centers. The activation of impurities due to heating at high temperatures is a consequence of the fact that the solubility of impurities in semiconductors depends strongly on temperature. The

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

VOSHCHININ, P.A., kand. sel'khoz.nauk; GRINCHUK, I.M., inzh.; ZHURAVLEV, A.A., kand. sel'khoz. nauk; KARAVYANSKIY, N.S., kand. sel'khoz. nauk; SHAIN, S.S., doktor sel'-khoz. nauk, prof.[deceased]; YATSUK, Ye.P., kand. tekhn. nauk; ANTONOVA, M.M., red.; GINZBURG, A.S., tekhn.red. KOBYAKOVA, G.N., tekhn. red.

[Seed production of meadow grasses] Semenovodstvo lugovykh trav. [By] P.A.Voshchinin i dr. Moskva, Sel'khozizdat, 1963. 151 p. (MIRA 17:4)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHUK, I.M., inzh.; FEDOSEYEV, B.V., kand. tekhn. nauk.; FILIPPOV, A.I., kand. tekhn. nauk.

Investigating clover hulling machinery. Mekh.i elek.sots.sel'khoz. 16 no.5:26-30 '58. (MIRA 11:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R. Vil'yamsa (for Grinchuk). 2. Zonal'nyy nauchno-issledovatel'skiy institut zemledeliya nechernozemnoy polosy (for Fedoseyev). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva (for Filippov).
(Agricultural machinery) (Clover)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHUK, I. M.

KONYUSHKOV, Ye.N.; GRINCHUK, I.M.

Problem of the theory of the swash plate. Sel'khozmashina no.5:3-5 My '57. (MLRA 10:5)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R. Vil'yamsa.
(Power transmission)
(Mowing machines)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

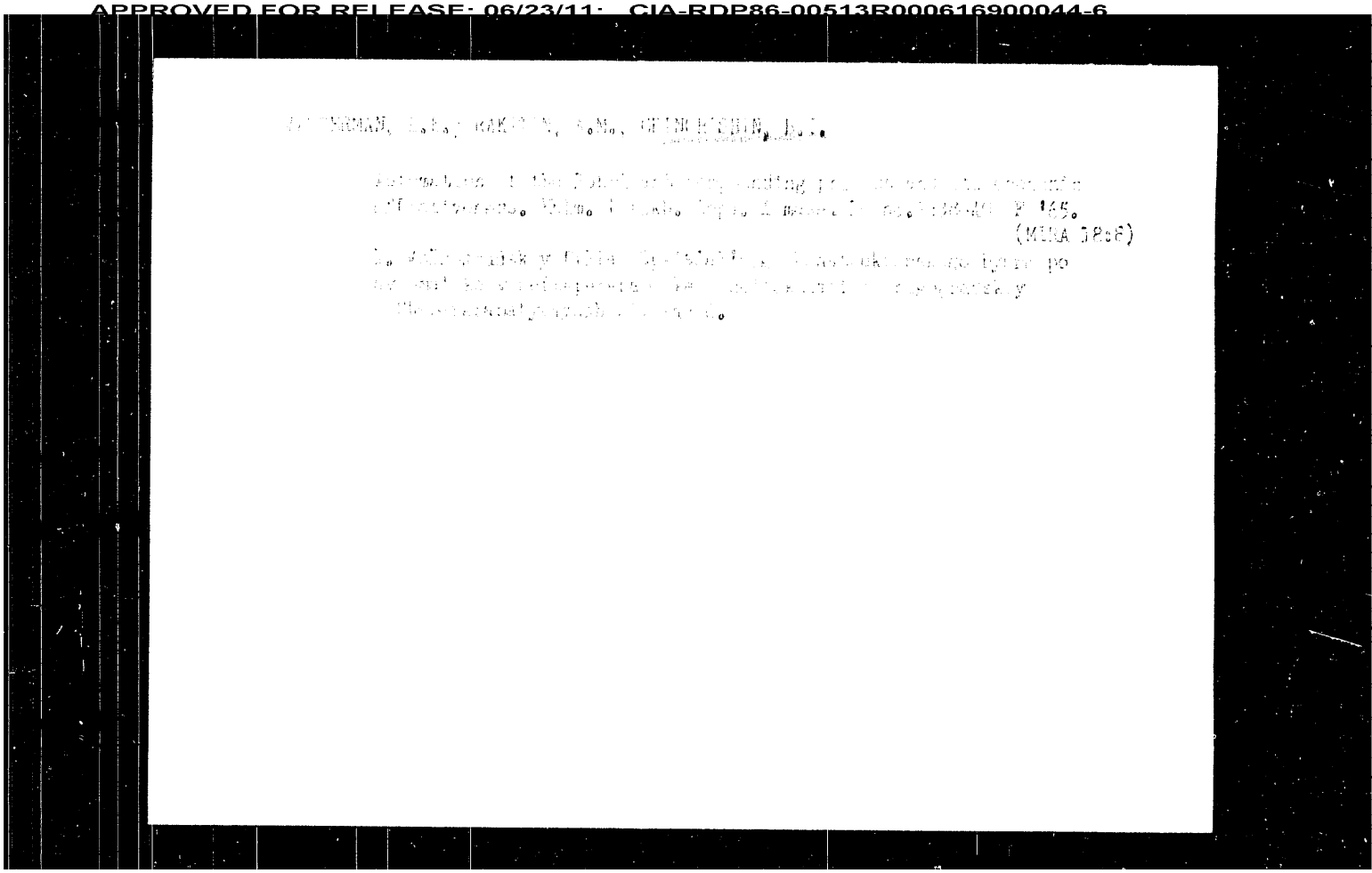
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

VELICHKO, Yu.T. [Velychko, IU.T.], prof., doktor tekhn.nauk; SOBOLEVSKIY, K.M. [Sobolevs'kyi, K.M.], kand.tekhn.nauk, starshiy nauchnyy sotrudnik; KOVAL'CHUK-IVANYUK, Yu.V.; KARPENKO, V.P.; GURSKIY, G.I. [Hurs'kyi, H.I.]; KOSENKO, M.Ye. [Kosenko, M.IU.]; GRINCHISHIN, D.G. [Hrynchyshyn, D.H.], red.-leksikograf; LABINOVA, N.M., red.; KADASHEVICH, O.O., tekhred.

[Russian-Ukrainian dictionary of radio engineering] Rosiis'ko-ukrains'kyi elektroradiotekhnichnyi slovnyk. 30 000 terminiv. Ukladachi: IU.T.Velychko i dr. Kyiv, Vyd-vo Akad.nauk URSR, 1961. 534 p. (MIRA 14:4)
(Radio--Dictionaries)
(Russian language--Dictionaries--Ukrainian language)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

L 47389-65

ACCESSION NR: AP5006822

the established ratios between components. The automation of the compounding process makes it possible to make the process continuous and thus increase the productivity of the system, to decrease the expenditure of the residual component, additives, and electric power, to lower the number of operating personnel, and to increase labor productivity. Orig. art. has: 4 figures, 3 tables.

ASSOCIATION: Volgogradskiy filial SKB ANN (Volgograd Branch, SKB ANN); Volgogradskiy NPZ (Volgograd NPZ)

SUBMITTED: 00 ENCL: 01 SUB CODE: FP

NO REF SOV: 000 OTHER: 000

Card 2/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

L 47309-65

ACCESSION NR: AP5006822 S/0065/65/000/002/0038/0040

AUTHOR: Vasserman, L. K.; Rakitin, A. M.; Grinchishin, B. I.

TITLE: Automation of the process of compounding oils and its economic effectiveness

SOURCE: Khimiya i tekhnologiya, topliv i masel, no. 2, 1965, 38-40

TOPIC TAGS: automation, oil, petroleum, petroleum industry

ABSTRACT: The Volgograd Branch of the Special Design Office of the Academy of Petroleum Sciences together with the Volgograd Petroleum Products Plant developed and tested under industrial conditions a plan for the automation of the process of compounding oils (see fig. 1 of the Enclosure) which provides for the automatic regulation of the delivery of the components and additive. A diaphragm mixer was used to achieve effective mixing of the components and complete dissolution of the additive. Before going to the diaphragm mixer the oil is heated in an ordinary heat exchanger. During the mixing process, samples of the oil mixture were taken at intervals of one hour and were checked for viscosity at a temperature of 100°C. The results of the tests showed that the system provides for consistent maintenance of

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHIK, P. N., inzh.

Laying out an earth roadbed with a theodolite. Transp. stroi. 13 no.4:47-48 Ap '63. (MIRA 16:4)

(Theodolites) (Railroads—Earthwork)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHIK, M.N., inzh. (g. Leningrad)

Bicycle on rails. Put' i put.khoz. no.10:43 O '58. (MIRA 11:12)
(Bicycles and tricycles) (Railroads--Equipment and supplies)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

BRYUKHATOV, N.L.; GRINCHER, N.A.; YEKAMASOV, I.Ya.

Magnetic analysis of the texture of cold-rolling and recrystallization deformation in pure electrolytic nickel. Izv. AN SSSR. Ser. fiz. 22 no.10:1237-1243 O '58. (MIRA 12:3)

1.Kafedra fiziki Moskovskogo instituta inzhenerov zheleznodorozhnogo transporta.

(Nickel--Testing) (Magnetic testing)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

KIBAL'CHICH, G.A.; GRINCHENKO, Yu.A.; SHLYGA, V.A.

The IR-1 energy resolution meter. Prib. i tekh. eksp. 9
no.2:76-78 Mr-Ap'64. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologicheskoy

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

ZYAZIKOV, B.Kh., mayor zapasa; GRINCHENKO, V.Ye., polkovnik, red.; BELYAYEV, M.K., podpolkovnik, red.; ZUKHMELINOV, F.M., mayor, red.; GOLUBEV, G.G., polkovnik zapasa, red.; PAVLOV, P.I., polkovnik v otstavke, red.; YABLOKOVA, G.I., red.

[Gold Stars of the Chechen-Ingush A.S.S.R.; sketches on Heroes of the Soviet Union] Zolotye zvezdy Checheno-Ingushetii; ocherki o Gerofakh Sovetskogo Soiuza. Groznyi, Checheno-Ingushskoe knizhnoe izd-vo, 1964. 310 p.
(MIRA 18:4)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, V.T. (Kiyev); ULITKO, A.F. (Kiyev)

Distribution of tangential stresses in a fastened edge of a nonuniformly heated quarter-plane. Prikl. mekh. 1 no.6:33-37 '65. (MIRA 18:7)

1. Institut mekhaniki AN UkrSSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

L 28964-66 EWT(m)/EWP(w) IJP(c) EM

ACC NR: AP6019178 SOURCE CODE: UR/0198/65/001/006/0033/0037

AUTHOR: Grinchenko, V. T. (Kiev); Ulitko, A. F. (Kiev)

29
B

ORG: Institute of Mechanics, AN UkrSSR (Institut mekhaniki AN UkrSSR)

TITLE: Distribution of shearing stresses at the fixed edge of an unevenly heated quarter-plane

26

SOURCE: Prikladnaya mekhanika, v. 1, no. 6, 1965, 33-37

TOPIC TAGS: shear stress, stress distribution

ABSTRACT: The article considers the distribution of shearing stresses at the fixed edge of an elastic quarter-plane which is heated to a constant temperature along a strip at the free edge, with the temperature maintained at zero outside the given strip. It is shown that the shearing stresses are of an exponential character at the angular point and of a logarithmic character at the point of discontinuity of the temperature field. The authors state that the results obtained may be used to find the character of the distribution of shearing stresses on a line of contact which occur during the heating of rigidly clamped heterogeneous elastic bodies. Orig. art. has: 1 figure and 12 formulas. [JPRS]

SUB CODE: 20 / SUBM DATE: 02Jun64 / ORIG REF: 003

Card 1/1 BLG

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, V.T. (Kiyev); ULITKO, A.F. (Kiyev)

Bending of a rigidly fastened square plate. Prikl. mekh. 1 no.9:134-136 '65. (MIRA 18:10)

1. Institut mekhaniki AN UkrSSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRIGORENKO, V.I. (Kiyev); VOLTKO, A.F. (Kiyev)

Tension of an elastic space weakened by an annular fissure.
Prikl. mekh. 1 no.10:61-64 '65. (MIRA 18:12)

1. Institut mekhaniki AN UkrSSR. Submitted January 12, 1965.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, V.T. (Kiyev)

Axisymmetric problem in the theory of elasticity for a semi-infinite circular cylinder. Prikl. mekh. 1 no.1: 109-118 '65. (MIRA 18:5)

1. Institut mekhaniki AN UkrSSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, V.T.; ULITKO, A.F.

Rigorous solution of the axially symmetric problem in the theory of elasticity for a circular rigidly clamped plate. Izv. AN Arm. SSR.Ser.fiz.-mat. nauk 16 no.5:125-132 '63. (MIRA 16:11)

1. Institut mekhaniki AN Ukrainskoy SSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, V.T.; ULITKO, A.F.

Mixed boundary problem of heat conductivity for a half space.
Inzh.-fiz.zhur. 6 no.10:67-71 O '63. (MIRA 16:11)

1. Institut mekhaniki AN UkrSSR, Kiyev.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, V.T. [Hrinchenko, V.T.] (Kiyev)

Cyclic deformation of a multilayer conic shell. Prykl. mekh. 9 no.4:374-380 '63. (MIRA 16:8)

1. Institut mekhaniki AN UkrSSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

ACCESSION NR: AT4010241 S/3052/63/000/003/0078/0084

AUTHOR: Grinchenko, V. T. (Kiev)

TITLE: Thermal stresses in a multi-layered conical shell

SOURCE: AN UkrSSR. Institut mekhaniki. Teplovy*ye napryazheniya v elementakh konstruktskiy; nauchnoye soveshchaniye. Doklady*, no. 3, 1963, 78-84

TOPIC TAGS: stress, thermal stress, mechanics

ABSTRACT: A theoretical analysis is presented of the stresses developing in a multi-layered conical shell under variable heating, assuming that the mechanical properties of the layers and the temperature may change in any way, and that the Poisson coefficients are different for each layer. The equations for stress, strain and moments are analyzed. Three groups of equations are used: (1) equations for the equilibrium of the shell elements; (2) the equation for the deformations in the initial shell surface; (3) the relationships between the forces, moments, and deformations of the initial shell surface. A single equation is then evolved. Orig. art. has: 30 equations.

ASSOCIATION: Institut mekhaniki AN Ukr. SSR (Institute of Mechanics)

Card 1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

Solvability of the ...

$$\delta = -\frac{\psi_3 + \alpha_0\left(\psi_1 - \frac{R_1}{D_1^*}\right)}{1 + \alpha_0 \psi_2} \qquad (11)$$

/Abstracter's note: L and the other symbols not defined./ It is stated that the case $R_1 = \infty$ also reduces to the problem of homogeneous shell if one introduces a new variable to the basic equations. /Abstracter's note: No details given./

ASSOCIATION: Instytut mekhaniky AN USSR (Institute of Mechanics, AS UkrSSR)

SUBMITTED: May 14, 1962

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

S/198/62/008/005/007/009
D234/D308

AUTHOR: Hrinchenko, V. T.

TITLE: Solvability of the equation of axially symmetrical bimetallic shells

PERIODICAL: Akademiya nauk Ukrayins'koyi RSR. Instytut mekhaniky. Prikladna mekhanika, v. 8, no. 5, 1962, 563-565

TEXT: The author considers the case R_1 = const [Abstracter's note: R_1 not defined] and takes the homogeneous system of differential equations of the above shells, the basic variables being the force function V and the angle of inclination of the normal to the joint surface θ. The corresponding equations for a homogeneous shell reduce to a single complex equation of the second order. Assuming the Poisson coefficients of the layers to be different, the author reduces the equations to a single complex equation of the second order $L(\theta) + \delta\theta = 0$, where

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

TABLE OF CONTENTS:

Introduction (A. D. Kovalenko, Academician, Academy of Sciences UkrSSR) 3

Kovalenko, A. D. [Kiyev]. Generalization of Some Problems of the Theory of Calculating Thermal Stresses in Conic Shells 7

Grigorenko, Ya. M., and L. A. Il'in [Kiyev]. Complex Equations of the Theory of Thin Shells With Temperature Influences Taken Into Account 27

Motovilovets, I. A. [Kiyev]. Thermal Stresses in Disks With Temperature Changing Along the Thickness 34

Grinchenko, V. T. [Kiyev]. Stationary Thermal Stresses in a Solid Finite-Length Cylinder 41

Veytsman, R. I. [Leningrad]. Nonstationary Thermal Stresses in an Elastic Half-Space During a Local Change in Surface Temperature 49

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

COVERAGE: The book contains 18 articles dealing with investigations connected with thermal stresses in turbine components. Individual articles discuss thermoelasticity, thermoplasticity, thermal conductivity, and temperature fields. No personalities are mentioned. References accompany 17 articles. The conference recommended broadening the theoretical and experimental investigations of aerothermoelastic and aerothermoplastic problems, the development of investigations of general problems of the theory of thermoelasticity and thermoplasticity based on the thermodynamic principles of reversible and nonreversible processes, the development of effective calculation methods for thermal stresses taking into account plastic deformations and creep in thin- and thick-walled structural members under stationary and nonstationary operating conditions, the development of experimental-research methods for thermometry and tensiometry in connection with modern operational conditions of mechanical structures, and the broadening of investigations of problems in the thermostrength of structures, especially of those operating under conditions of frequent and sharp temperature changes.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, V. T.

PHASE I BOOK EXPLOITATION SOV/6086

Nauchnoye soveshchaniye po teplovym napryazheniyam v elementakh turbomashin. 2d, Kiyev, 1961.

Teplovyye napryazheniya v elementakh turbomashin; doklady nauchnogo soveshchaniya, vyp. 2 (Thermal Stresses in Turbomachine Parts; Reports of the Scientific Conference, no. 2). Kiyev, Izd-vo AN UkrSSR, 1962. 174 p. 1800 copies printed.

Sponsoring Agency: Akademiya nauk Ukrainskoy SSR. Institut mekhaniki.

Resp. Ed.: A. D. Kovalenko, Academician, Academy of Sciences UkrSSR; Ed.: T. K. Remennik; Tech. Ed.: A. M. Lisovets.

PURPOSE: This collection of articles is intended for scientific workers and turbine designers.

Card 1/6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, T.S.

Peripheral blood in diabetes mellitus treated with sugar-reducing sulfanilamide preparations. Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:101-105 '64. (MIRA 18:7)

1. Iz klinicheskogo otdela Ukrainsiogo instituta eksperimental'noy endokrinologii.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

KOPELOVICH, M.A.; GRINCHENKO, T.S.

Secondary resistance to sugar-reducing sulfanilamide preparations in diabetes mellitus. Trudy Ukr. nauch.-issl. inst. eksper. endok. 19: 81-90 '64. (MIRA 18:7)

1. Iz klinicheskogo otdela Ukrainskogo instituta eksperimental'noy endokrinologii.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, T.S. (Khar'kov)

Treatment of diabetes mellitus patients with cyclamide (K-286). Probl. endok. i gorm. 9 no.5:81-85 S-O'63. (MIRA 16:12)

1. Iz klinicheskogo otdela (zav. - kand. med. nauk L.I. Lobanovskaya) Ukrainskogo instituta eksperimental'noy endokrinologii (dir. - kand. med. nauk S.V.Maksimov).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, T.S.

Sulfanilamide hypoglycemic preparations (nadisan, oranil, butamide and others) in the therapy of diabetes mellitus. Trudy Ukr.nauch.-issl.inst.eksper.endok. 18:366-368 '61. (MIRA 16:1)

1. Iz klinicheskogo otdela Ukrainskogo instituta eksperimental'noy endokrinologii.

(DIABETES) (SULFANILAMIDES)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

KLETSKAN, Samuil Isaakovich; [illegible]
GRINCHENKO, I.I., zam. [illegible]
ALYAB'YEV, N.Z., red.

[Maintenance and repair of motor vehicles and trailers in automotive transportation units] Tekhnicheskoe obsluzhivanie i remont avtomobilei i pritsepov v [illegible]. Khar'kov, Izd-vo Khar'kovskogo [illegible]

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

KLEYTMAN, Samuil Lazarevich; LAGUNOV, Lazar' Yakovlevich; GRINCHENKO, Trofim Ivanovich; RAFF, M.I., inzh., otv. red.; KURILOVA, T.M., red.; TROFIMENKO, A.S., tekhn. red.

[Traffic safety]Bezopasnost' dvizheniia avtomobilei. Khar'kov, Izd-vo Khar'kovskogo univ., 1962. 206 p. (MIRA 16:2)
(Traffic safety)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

KLEYTMAN, Samuil Lazarevich; LAGUNOV, Lazar' Yakovlevich; GRINCHENKO, Trofim Ivanovich; MUZYCHENKO, S.V., red.; LIMANOVA, M.I., tekhn.red.

[Traffic regulations of the Ukraine] Pravila dvizheniia po ulitsam i dorogam Ukrainskoi SSR. [Khar'kov] Khar'kovskoe obl. izd-vo, 1958. 311 p. (MIRA 11:5)

(Ukraine--Traffic regulations)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

[redacted], V. I.

"The Effect of the Basic Dimensions and Types of Trucks on Highway Accidents." Cand Tech Sci, Kiev Order of Labor Red Banner Agricultural Inst. Min of Culture USSR, Kiev, 1953. (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

ACC NR: AP6030143

are obtained for the constituent gases, and it is shown that the resolving power for the equipment is 50 and that the atomic mass range is 1--50. The authors thank S. I. Gendelya for taking part in the construction and preparation of the counter, and express their gratitude to I. A. Baranov and V. F.Gruzdev for their influence on the work and their help for organizing the test equipment. Orig. art. has: 9 figures.

SUB CODE: 14, 09/ SUBM DATE: 17Feb65/ ORIG REF: 002/ OTH REF: 007

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

ACC NR: AP6030143 (A) SOURCE CODE: UR/0120/66/000/004/0132/0137

AUTHORS: Averina, A. P.; Vinogradov, V. I.; Grinchenko, T. G.

ORG: none

TITLE: Electric mass filter as a gas analyzer in vacuum systems

SOURCE: Pribory i tekhnika eksperimenta, no. 4, 1966, 132-137

TOPIC TAGS: vacuum gas analyzer, laboratory instrument, mass spectrum, mass filter, gas filter/ EFM-1 mass filter

ABSTRACT: The construction and operation details of an electric mass filter EFM-1 are described. The filter is used to control gas composition in vacuum systems over a pressure range of 10^{-3} to 10^{-8} torr. The block-schematic of the system is shown. It consists of a power supply system, a counter, an input cascade to the electrometric amplifier to measure ion currents, an electrometric amplifier, a potentiometer, and a high frequency generator. The generator has a variable voltage output at 3 Mc. It is stabilized by means of a ferro-resonance stabilizer to reduce variations in the voltage to less than 1% for an input voltage variation of ±10%. The detailed circuit diagram of the generator is given. It consists of a master oscillator, an amplifier, a power supply, a linear detector, and a measuring system. The complete filter system is tested with a zone refining and molybdenum smelting equipment. Spectrometric data

UDC: 621.384.8

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

L 17593-65
ACCESSION NR AM4046724

students in a wide variety of specialties who are taking the course on computers and programming.

TABLE OF CONTENTS [abridged]:

Foreword -- 3
Ch. I. Input language of the programming program PP-AU -- 5
Ch. II. The programming program for the computer Ural-1 -- 21
Ch. III. Examples of programs composed by the programming program PP-AU --50
Appendices -- 76
Bibliography -- 107

SUB CODE: DP SUBMITTED: 07Feb64 NR REF SOV: 007

OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

L 17593-65 EWT(d)/EED-2/EWP(1) Po-4/Pq-4/Pg-Pk-4 IJP(c)/AFWD(p)/ASD(a)-5/
BSD/AFETR/AFTC(b)/RAEM(1)/RAEM(d)/BSD(dp) BB/GG/MLK/JXT(BF)
ACCESSION NR AM4046724 BOOK EXPLOITATION S/ 8+1

YUshchenko, YEkaterina Logvinovna; Grinchenko, Tamara Alekseyevna

Programming program with input address language for the computer Ural-1; programmer's handbook (Programmiruyushchaya programma s vkhodny*m adresny*m yazy*kom dlya mashiny* Ural-1; spravochnik programmista), Kiev, "Naukova dumka", 1964, 105 p. biblio. 14,000 copies printed.

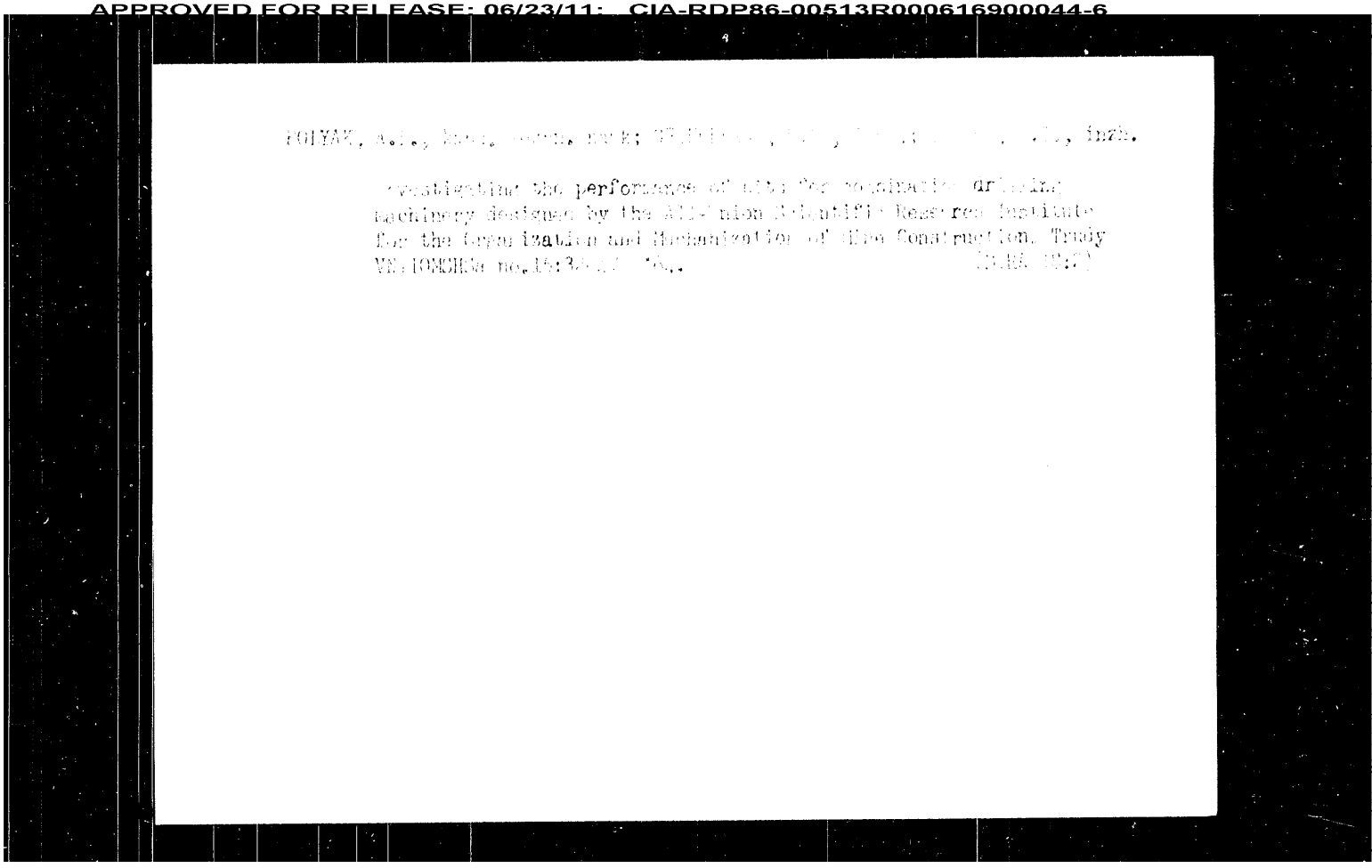
TOPIC TAGS: computer programming, computer Ural-1, computer program PP-AU

PURPOSE AND COVERAGE: The algorithmic address language, developed in the Institute of Cybernetics of the Ukrainian Academy of Sciences, is suitable to describe arithmetic and complex information-logic problems. The selection of the style of input address language determines the complexity of the programming program (PP). This manual describes the programming program for the Soviet computer Ural-1 (PP-AU). As an input language for this programming program, a style of address language is used which requires the use of only the operational memory of the computer. Examples of program composition using PP-AU are given. The book is intended for engineers and mathematicians who want to learn to use a computer without a programmer and can be useful to

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, N.

Consolidate the revenue base of local budgets. Fin. SSSR 37 no.8:80-81 Ag '63. (MIRA 16:9)

1. Zaveduyushchiy Kirovskim rayonnym finansovym otdelom Rostova-na-Donu.

(Rostov-on-Don--Budget)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, N.

Improving the service industries is the concern of financial organs and the public. Fin. SSSR 37 no.1:78-80 Ja '63.
(MIRA 16:2)

1. Zaveduyushchiy Kirovskim rayonnym finansovym otdelom Rostova-na-Donu.
(Rostov-on-Don—Service industries—Finance)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, N.

Develop creative initiative among workers of local financial organs.
Fin.SSSR 22 no.5:61-62 My '61. (MIRA 14:5)

1. Predsedatel' komissii po ratsionalizatorskim predlozheniyam Rostovskogo-na-Donu gorfinotdela.
(Rostov-on-Don--Finance) (Suggestive systems)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, I.V.; LUNDIN, A.G.; MIKHAYLOV, G.M.

Installation for studying the magnetic resonance of [illegible] nuclei.
Trudy Sib.tekh.inst. no.24,1-12 '50. (MIRA 14:3)
(Nuclear magnetic resonance and relaxation)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

80033

Machining Steatite Ceramics by Grinding S/121/60/000/05/02/005

It is recommended to apply the conditions shown in the table, for the grinding by diamond disks the following conditions are recommended: v_d = 30 - 35 m/sec, v_a = 40 m/min, s_{long} = 0.035 mm/rev, t = 0.01 - 0.02 mm/double motion. 3) For the grinding with KZ and diamond disks it is recommended to use as cooling fluid water with a 1% Na_2CO_3 addition. Six graphs, 1 table.

Card 4/4

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

selected on the basis of data shown in Figures 2 - 5, stating the optimum value of specific efficiency of the process depending on the disk speed. The optimum longitudinal and cross feeds were selected according to the required accuracy of machining and the working safety. The authors recommend to carry out finishing operations with diamond disks of 100% concentration and a granularity of 100 - 120 with a metallic binder. The machining with these disks ensures the required precision and surface finish of the 7th - 8th class. Cooling fluids can be used during the machining of steatite ceramics, as this material is rather compact and possesses a low water-absorbability of not more than 0.02%. The authors carried out tests with various cooling media, the results of which are shown in Figure 6. They state that an analysis of Soviet and foreign tests shows that the best results are obtained with double cooling, i.e. sulfofrezol with kerosene through the pores of the disk and ordinary jet cooling with sodium carbonate water. From the above-mentioned facts and technical data the authors draw the following conclusions: 1) Preliminary roughing and semi-finishing grinding of high-strength steatite ceramic articles should be effected by KZ grade disks with a ceramic binder, finishing grinding by diamond disks with a metallic binder. 2) For the roughing and semi-finishing grinding by KZ disks

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

fore and after grinding (the disk wear was measured along the periphery with the aid of a special indicator with a graduation value of 0.01 mm), 3) specific efficiency q, defined as the quotient of dividing the average removal of material per minute by the average disk wear per minute, i.e.

$$q = \frac{Q_a}{Q_d} ,$$

4) durability period T_{min} of the grinding disk. The investigations showed that for the preliminary treatment of ceramics, disks of silicon carbide with a ceramic binder are the most suitable ones, and for the finishing process diamond disks with a metallic binder are most efficient. Figure 1 gives the test results of the selection of disk material and binders. In the case of large allowances, the preliminary machining with carbide of green silicon should be effected in two stages, a roughing operation and a semifinishing one, using disks with a ST1-St2 hardness for roughing, and those with a SM2-S1 hardness for semi-finishing. The granularity of the disks should be within the range of 60 - 80. A table shows the recommended machining conditions for roughing and semi-finishing grinding of ceramic articles by disks of the grades K380ST1K6 and K380SM2K6. The conditions for semi-finishing grinding were

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

15.2100
25.1000

80033
S/121/60/000/05/02/005

AUTHORS: Romanov, K.F., Grinchenko, I.G.

TITLE: Machining Steatite Ceramics[15] by Grinding[15]

PERIODICAL: Stanki i Instrument, 1960, No 5, pp 31 - 33

TEXT: The authors give the results of investigations carried out with the object of finding means and the optimum conditions for the machining of parts of revolution with curvilinear contours of steatitic ceramics on the base of talc, possessing a hardness of RC 50 - 55. Previous tests had shown that a machining of high-strength ceramics by cutting tools is impossible. The investigations were carried out with cylindrical and shaped specimens with the aid of grinding disks of 3 mm in width. The grinding efficiency was rated on the basis of the following parameters: 1) volumetric removal Q_a in mm^3/min of material (the quantity of material taken off was determined by weighing before and after grinding and by calculating the geometrical dimensions, measured before and after grinding; the specimens were measured with a micrometer and weighed on an analytical balance); 2) volumetric wear Q_d in mm^3/min of the grinding disk, determined by the geometric dimensions of the disk, measured be-

Card 1/4

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, I.F.

Responsiveness of R-06 and V-020 sugar beet varieties to increased plant spacing. Sakh. prom. 32 no.4:59-60 Ap '58. (MIRA 11:6)

1.Lyubashevskiy sortoispytatel'nyy uchastik.
(Sugar beets)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

YAKOVLEV, I.A.; UVAD'YEV, L.I.; GRIGORENKO, B.R.

Some new data on the structure of the Pechenga synclinorium.
Geol. rud. mestorozh. 5 no.6:96-100 N-D'63. (MIRA 17:5)

1. Pechengskaya geologicheskaya ekspeditsiya Severo-Zapadnogo geologicheskogo upravleniya.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, B.K. (st. Pologi)

Slag concrete slabs for correcting damaged places in the earthen roadbed. Zhel.dor.transp. 37 no.5:80 My '56. (MLRA 9:8)

1. Nachal'nik 16-y distantsii puti Stalinskoy dorogi.
(Railroads--Track) (Concrete slabs)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

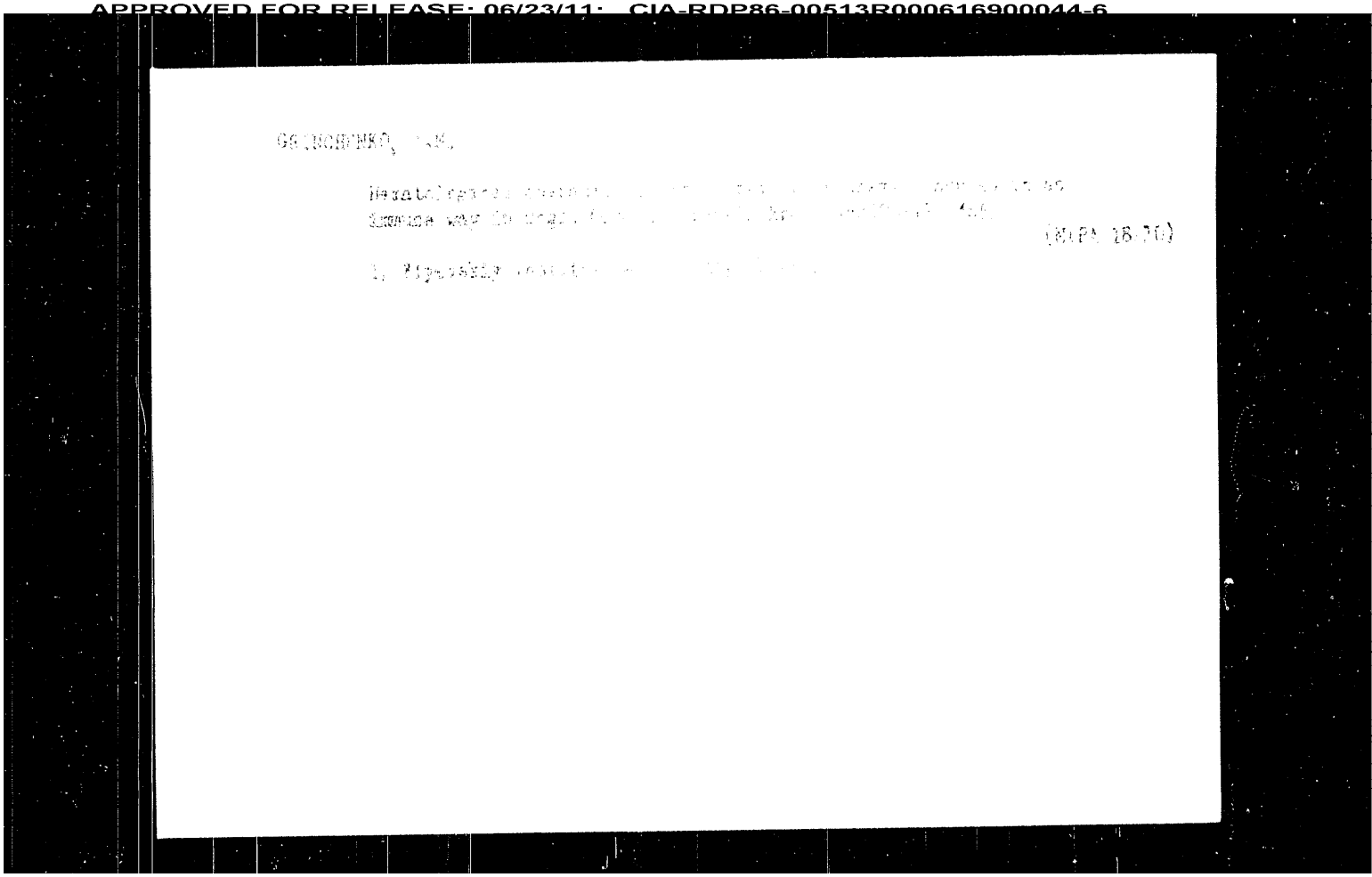
GRINCHENKO, B.

Using the method of advanced track workers. Zhel.dor.transp. 36 no.3:79-80 Mr '55. (MIRA 12:5)

1. Nachal'nik distantsii puti, stantsiya Pologi.
(Railroads--Track)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A.N.; ZVERKOVA, A.S.

Hematological characteristics of strain CC-57 laboratory mice.
Lab. delo 10 no.4:248-250 '64. (MIRA 17:5)

1. Laboratoriya gematologii i leykozov (rukovoditel' - kand.med.nauk A.N.Grinchenko) Kiyevskogo nauchno-issledovatel'skogo instituta perelivaniya krovi i neotlozhnoy khirurgii (direktor - dotsent S.S. Lavrik).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINBERG, Ye.A.; GRINCHENKO, A.N.

Regeneration of the blood following massive bloodletting; an experimental investigation. Trudy Kiev. nauch.-issl. inst. perel. krovi i neotlozh. khir. 3:252-257 '61. (MIRA 17:10)

1. Kiyevskiy institut perelivaniya krovi.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A.N.; DOVBYSH, G.I.

Clinical and hematological characteristics of chronic myelosis under the influence of myelosan treatment. Trudy Kiev. nauch.-issl. inst. perel. krovi i neotlozh. khir. 3:232-236 '61. (MIRA 17:10)

1. Kiyevskiy institut perelivaniya krovi.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A.N.

Study of the effect of a subcutaneous administration of oxygen on the course of experimental lymphatic leukemi in mice. Trudy Kiev. nauch.-issl. inst. perel. krovi i neotlozh. khir. [illegible] fol.
(MIRA 17:10)

1. Kiyevskiy institut pereliyaniya krovi.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

SPASOKUKOTSKIY, Yu.A.; CHERNOGOROVA, Z.L.; GRINCHENKO, A.N.; YEL'YASHKEVICH, E.S.; GITIS, Ye.I.; SHMUSHKO, R.Ya.; SARNITSKIY, I.P.

Effect of the BK-8 protein blood substitute on the process of blood coagulation in dogs during a stomach resection. Trudy Kiev. nauch.-issl. inst. perel. krovi i neotlozh. khir. 3:120-128 '61.

(MIRA 17:10)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

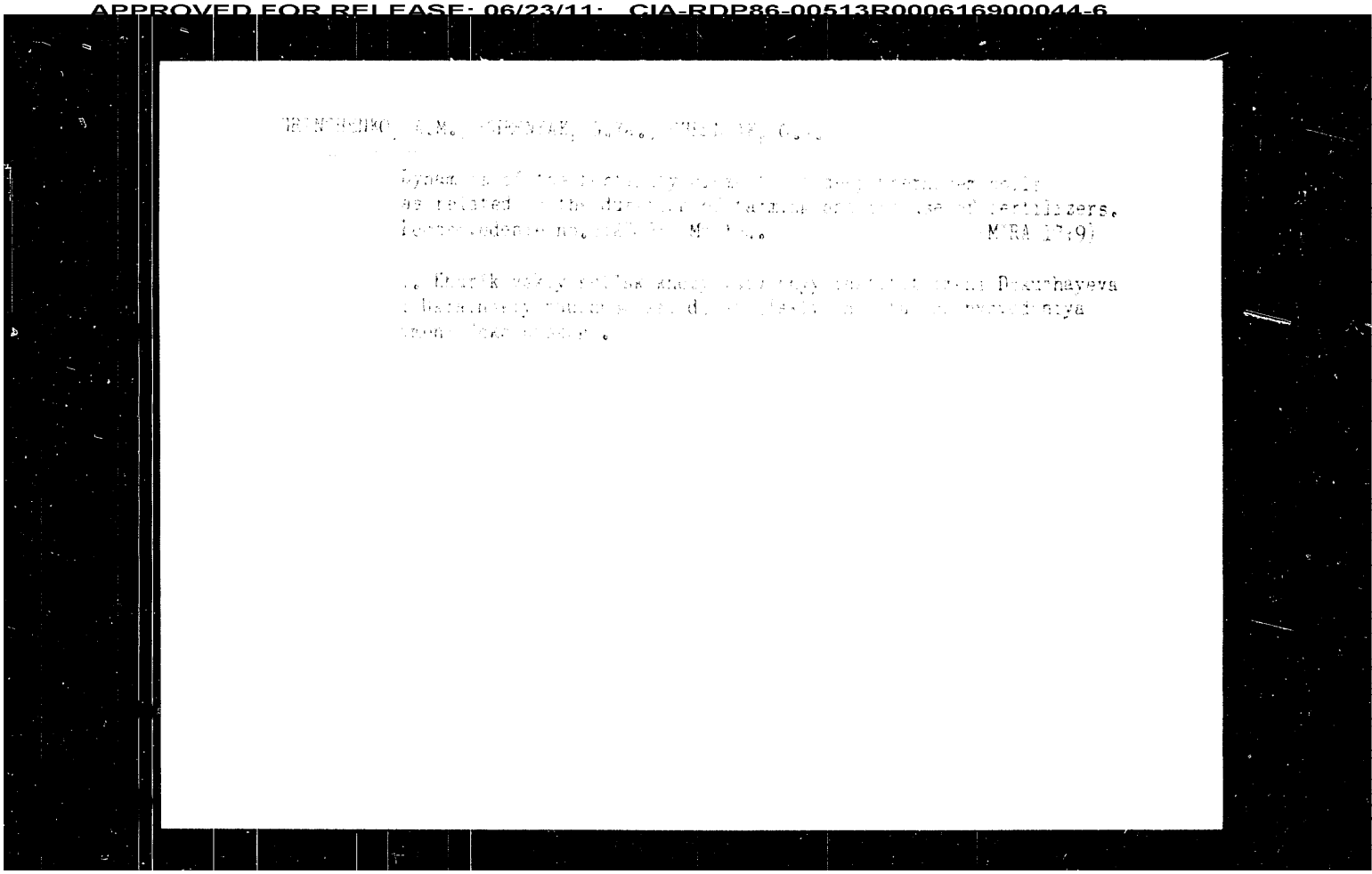
GRINCHENKO, A. N.

"The Participation of the Lymphadenoidal Tissue in the Defense Reactions of an Organism During an Inflammatory Process (Experimental Study of an Age Cross Section)." Cand Med Sci, Rostov-na-Donu State Medical Inst, Rostov-na-Konu, 1954. (KL, No 3, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

SOKOLOV, A.V.; VLASYUK, P.A.; GRINCHENKO, A.M.; GORBUNOV, N.I.; DMITRIYENKO, P.A.; KONONOVA, M.M.; MISHUSTIN, Ye.N.

Immediate tasks in studying soil fertility and ways for its increase. Pochvovedenie no.1:8-20 Ja '63. (MIRA 16:2)
(Soil fertility)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A.M.

'Influence of long-lasting Cultures on the Dynamics of Humus, Nitrogen, and Phosphorous.'

(Kharkov Agricultural Institute im. V.V.Dokuchayev)
report to be presented at the 7th Intl Congress of Soil Science, Madison, Wisconsin, 5-23 Aug 1960.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

TYURIN, I.V.; SOKOLOV, A.V.; BUSHINSKIY, V.P.; SOBOLEV, S.S.; FRANTSESSON, V.A.; KARPINSKIY, N.P.; BALYABO, N.K.; GRINCHENKO, A.M.; KRUPSKIY, N.K.

Alekseĭ Nikanorovich Sokolovskiĭ; obituary. Pochvovedenie no.10:124-125 O '59. (MIRA 13:2)
(Sokolovskiĭ, Alekseĭ Nikanorovich, 1884-1959)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A.M.

Reports of the Soil Science Session of the Village Section of the Ukrainina Academy of Agricultural Sciences. Pochvovedenie no.10:97-98 O '58. (MIRA 11:10)
(Ukraine--Soil research)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

Name: GRINCHENKO, Aleksandr Markovich

Dissertation: Cultivation of the Saline Soils of the Central Dnepr Region.

Degree: Doc Agr Sci

Affiliation: [not indicated]

Defense Date, Place: 23 Dec 55, Council of the Kharkov State Order of Labor Red Banner Agr Inst imeni Dokuchayev

Certification Date: 28 Apr 56

Source: BMVO 4/57

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRIN', G.S.; KRUPSKIY, N.K., kandidat sel'skokhoziaystvennykh nauk; KISEL', V.D. SOKOLOVSKIY, A.N., redaktor; GRINCHENKO, A.M., kandidat sel'skokhoziaystvennykh nauk, redaktor; SHIKAN, V.L., redaktor; SIVACHENKO, Ye.K., tekhnicheskiy redaktor.

[Soil characteristics of the Nogaysk Massif in the Ukraine from the point of view of agrigultural land improvement] Agromeliorativnaia kharakteristika pochv Nogaiskogo massiva Ukrainy. Kiev, Izd-vo Akademii nauk USSR, 1955. 68 p. [Microfilm] (MLRA 9:6)

1. Deystvitel'nyy chlen AN USSR (for Sokolovskiy).
(Ukraine--Soils)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A. M.

Effect of perennial grasses on the reclamation of solonetz soils in the middle Dniepr valley. Kiev, Akademiia nauk Ukrainskoi SSR, 1954. 83 p.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

1. GRINCHENKO, A. M.

2. USSR (600)

4. Gypsum

7. Effectiveness of applying gypsum to field crop rows on alkali soils. Sov.agron 10 no. 12. 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

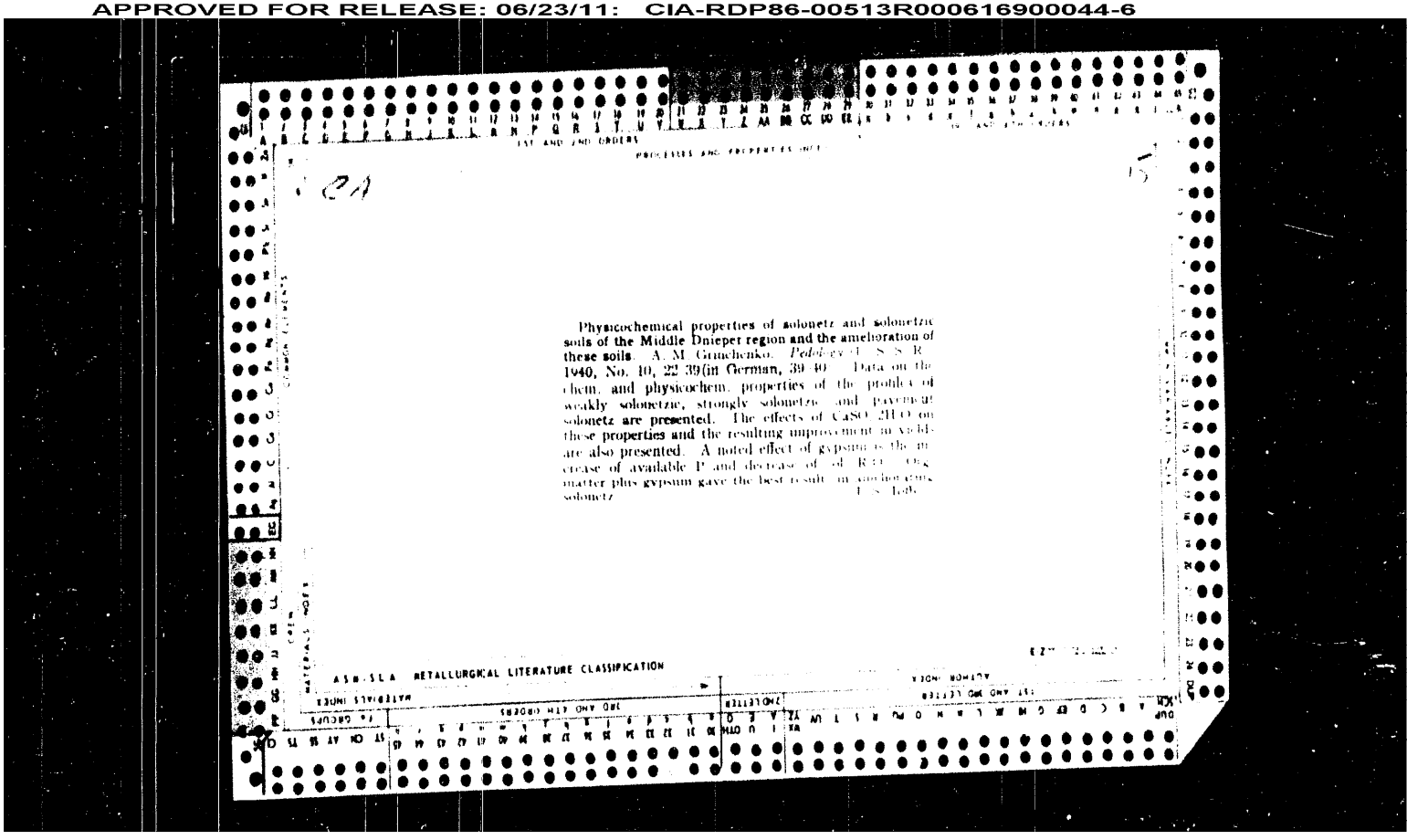
GRINCHENKO, O.M.; SOKOLOVS'KYY, O.N., diysnyy chlen.

Effectiveness of introducing gypsum into the crop row on saline soils. Dop. AN URSR no.5:369-374 '51. (MLRA 6:9)

1. Akademiya nauk Ukrayins'koyi RSR (for Skolovs'kyy). 2. Laboratoriya hruntoznavstva Akademiyi nauk Ukrayins'koyi RSR (for Hrinchenko).
(Gypsum)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

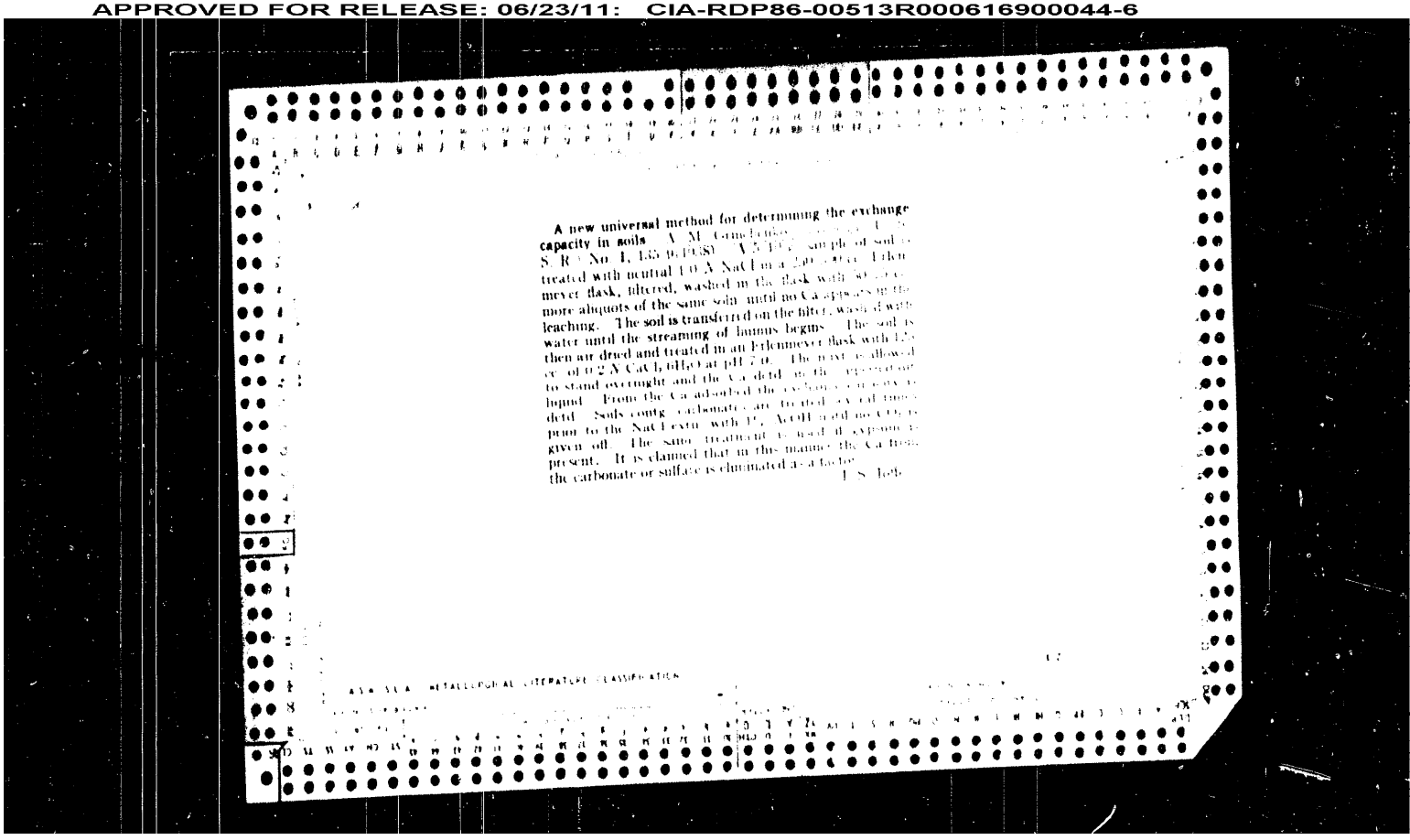


Physicochemical properties of solonetz and solonetzic soils of the Middle Dnieper region and the amelioration of these soils. A. M. Gratchenko. *Pedology U. S. S. R.* 1940, No. 10, 22-39(in German, 39-40). Data on the chem. and physicochem. properties of the profiles of weakly solonetzic, strongly solonetzic and pavement solonetz are presented. The effects of $CaSO_4 \cdot 2H_2O$ on these properties and the resulting improvement in yields are also presented. A noted effect of gypsum is the increase of available P and decrease of ol. R. [illegible] matter plus gypsum gave the best result in ameliorating solonetz. [illegible]

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6



A new universal method for determining the exchange **capacity in soils** A. M. Grim[illegible] [illegible] S. R. No. 1, 135 pp. (1938). — A 25-[illegible] sample of soil is treated with neutral 1.0 *N* NaCl in a 200-cc. Erlenmeyer flask, filtered, washed in the flask with 80 cc. more aliquots of the same soln. until no Ca appears in the leaching. The soil is transferred on the filter, washed with water until the streaming of lumps begins. The soil is then air dried and treated in an Erlenmeyer flask with 125 cc. of 0.2 *N* $CaCl_2$ 6H$_2$O at pH 7.0. The mixt. is allowed to stand overnight and the Ca detd. in the supernatant liquid. From the Ca adsorbed the exchange capacity is detd. Soils contg. carbonates are treated several times prior to the NaCl extn. with 1% AcOH and no CO_2 is given off. The same treatment is used if gypsum is present. It is claimed that in this manner the Ca from the carbonate or sulfate is eliminated as a factor.

J. S. Joffe

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A.I.

Profiling tools for cutting toroid gears. Stan. i instr. 34 no.9: 6-8 S '63. (MIRA 16:11)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A.I.

Strength calculation of toroid gear teeth. Stan. i instr. 34 no.6:21-23 Je '63. (MIRA 16:7)

(Gearing)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A.I.

Innovators of the Kharkov Tractor Plant. Mashinostroitel' no.12:6-7 D '61. (MIRA 14:12)
(Kharkov--Tractor industry)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRECHENKO, A. G.; [illegible]

Grechenko, A. G.

[illegible] achievements of academician A. G. Grechenko. [illegible], 1973.

Monthly List of Russian Accessions, Library of Congress, [illegible]

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHENKO, A.A., klinicheskiy ordinator

Use of lyophilized cartilage in restoring the facial skeleton.
Stomatologiia 41 no.4:39-43 Jl-Ag '62. (MIRA 15:9)

1. Iz kafedry gospital'noy khirurgii (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent P.M.Shorluyan) i kafedry gistologii i embriologii (zav. - prof. K.A.Lavrov) Rostovskogo-na-Donu meditsinskogo instituta.
(CARTILAGE--TRANSPLANTATION) (FACE--SURGERY) (LYOPHILIZATION)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

BRYUKHATOV, N.L.; GRINCHAR, N.A.

Losses due to magnetic rotation hysteresis in rolled ferromagnetic materials. Izv. vys. ucheb. zav; fiz. no.1: 122-130 '63. (MIRA 16:5)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta.
(Hysteresis) (Magnetic materials)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

Study of magnetorotation ...

the weakest fields (...3 oe). In the case of cold-rolled nickel exhibiting interior stresses, the splitting of the spins is rendered much more difficult disregarding the fact that the plane of rotation of the magnetic field exhibits 8 directions of weakest magnetization. Losses begin to increase considerably in fields which correspond to the "point of anisotropy" on the magnetization curve. In the case of specimens exhibiting the "texture of cold-rolled material" the course of losses occurring in weak fields can be described by the empirical relation Q_R = a exp (bH) H. N. Akulov (Uch. zap. MGU, no 2, 137 (1934); Ferromagnetism Gostekhteoretizdat, M., 1939) is mentioned. There are 5 figures and 26 references: 15 Soviet and 11 non-Soviet. The four most recent references to English language publications read as follows: Brailsford F., J. Inst. Electr. Engrs., 83, 566 (1938); 84, 399 (1939); Beck F., McKeehan L., Phys. Rev., 47, 715 (1935); McKeehan L., Clash R., Phys. Rev., 45, 839 (1934); Clash R., Beck F., Phys. Rev., 47, 158 (1935).

ASSOCIATION: Kafedra fiziki Moskovskogo instituta inzhenerov zheleznodorozhnogo transporta (Department of Physics of the Moscow Institute of Engineers of Railroad Transportation)

Card 2/4

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

($1\ cm^3$), transferred to a metastable state by the rotating magnetic field and the lag angle ψ. The following values have, e. g. been found for cold rolled polycrystalline nickel:

	no. 73	no. 57	no. 62	no. 73 annealed
ψ	$14^\circ 14'$	$13^\circ 15'$	$8^\circ 20'$	$4^\circ 10'$
N	$1.69 \cdot 10^{18}$	$1.34 \cdot 10^{18}$	$1.33 \cdot 10^{18}$	$1.35 \cdot 10^{18}$

For specimens with "cubic texture" and for monocrystals:

	no. 17	no. 74	monocrystal
ψ	4°	$4^\circ 40'$	10°
N	$7.2 \cdot 10^{17}$	$3.6 \cdot 10^{17}$	$3.5 \cdot 10^{17}$

The results obtained show that the splitting of spins of magnetic domains into complexes whose transition to the metastable state and activation is most easily achieved in monocrystal mosaics, proceeds along a plane parallel to the face of the cube. In this case losses occur already in

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

Study of magnetorotation ...

Magnetograms of the momenta were plotted at room temperature before the commencement of heat treatment and the curves of the hysteresis losses of magnetorotation were constructed as a function of the actual field. The shape of the curves were almost identical. Furthermore, the specimens were annealed in vacuo for half an hour. As a result of this treatment which diminishes internal stress to a different extent, also the hysteresis losses measured at room temperature were diminished correspondingly. The smallest losses were achieved with two disks exhibiting cubic texture. An empirical relation

$$Q_R = A \exp(-BH)\, H \qquad (1)$$

was established. It describes the course of hysteresis losses, beginning from the point of anisotropy on the magnetization curve which corresponds to the range of highest losses. For specimens with cubic texture and for a spherical monocrystal the relation (1) describes the course of losses, beginning with the weakest fields. It has been shown that by calculating the constants A and B from experimental data, this relation permits to determine the number of N (N = number of spin complexes per unit volume

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

S/048/61/025/012/013/022
B117/B104

AUTHORS: Bryukhatov, N. L., and Grinchar, N. A.

TITLE: Study of magnetorotation hysteresis in cold-rolled and recrystallized nickel

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 25, no. 12, 1961, 1486 - 1491

TEXT: High purity cold-rolled electrolytic nickel (99.97%) with a reduction of 90% was used to study magnetorotation hysteresis. Applying this treatment to high-purity nickel causes internal stress and leads to the formation of the "texture of the cold-rolled material" with uniform distribution of crystallites according to the (110) [112] and (112) [111] groups. The formation of the "cubic texture" is due to collective recrystallisation resulting from a 2-hr annealing in vacuum at 1100°C (specimen no. 17) and at 1120° (specimen no. 74). The specimens used were disk-shaped, 0.125 mm thick and 15 mm in diameter. Three specimens were investigated, all cut from the same cold-rolled nickel sheet.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

A Magnetic Method of Investigating Internal Stresses SOV/20-126-5-21/69
in Cold-rolled Nickel Sheets

and their distribution in the individual depths. The authors investigated sheets of highly pure (N-0000) nickel (0.03% impurities containing 0.012% cobalt). The curves of the mechanical moments were plotted by means of a dynamometer, both at room temperature and at that of liquid nitrogen. Results are given in figure 1, i.e., the results obtained before electrical polishing, after the first, the second, and the third polishing at 18-19°. Similar investigations were made with a number of samples. A table contains numerous results of measurement of four different samples. The results are briefly discussed in conclusion. There are 1 figure, 1 table, and 10 references, 6 of which are Soviet.

ASSOCIATION: Moskovskiy institut inzhenerov zheleznodorozhnogo transporta im. I. V. Stalina (Moscow Institute for Railroad Engineers imeni I. V. Stalin)

PRESENTED: March 20, 1959, by I. I. Artobolevskiy, Academician

SUBMITTED: March 20, 1959

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

24 (3), 24 (6)

AUTHORS: Bryukhatov, N. L., Grinchar, N. A. SOV/[illegible]

TITLE: A Magnetic Method of Investigating Internal Stresses in Cold-rolled Nickel Sheets (Magnitnyy metod issledovaniya vnutrennikh napryazheniy v listakh kholodnokatannogo nikelya)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 5, pp [illegible] (USSR)

ABSTRACT: The possibility of determining the amount of internal stresses by the magnetic method is connected with the influence exercised by these stresses upon the course of the magnetization curve as well as upon the coercive force. The various possibilities are first described in short. The second part of the article deals with the calculation of internal stresses. The authors derived a general expression for the moment of torsion $M = M_1 + M_2 + M_\sigma$. M_1 and M_2 are the moments produced by the orientations of the crystallographic axes of two crystallite groups. M_σ is the moment produced in the metal by internal stresses. Formula (6) is derived for M. The second part of the article presents results of measurement concerning internal stresses

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

Magnetic Analysis of the Deformation Texture of Cold Rolling and of the Recrystallization in Pure Electrolytic Nickel

SOV/48-22-10-14/23

considerable internal stresses forms. High-temperature annealing only insignificantly modifies the texture of cold rolling and does not lead to the formation of a clear "cubic texture". The internal stresses having been produced by cold rolling, in very pure nickel are completely removed by annealing at 400°. In technical nickel on the other hand the stresses even by annealing at 1000° can only be decreased but not removed completely. There are 6 figures, 4 tables, and 10 references, 8 of which are Soviet.

ASSOCIATION: Kafedra fiziki Moskovskogo instituta inzhenerov zheleznodorozhnogo transporta (Chair of Physics at the Moscow Institute for Railroad Transportation Engineers)

Card 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

in the magnetograms of mechanical moments, which occurs at low cooling under the influence of annealing, is explained by the relative number of oriented crystal grains in the one and in the other group as well as by the degree of development of the internal stresses. Measuring results showed that in very pure (H0000) nickel under the influence of cold rolling in the case of spontaneous shrinkage (15 - 20 passes) unto 94 - 95% a texture exhibiting predominantly the group (112), [111] with well expressed internal stresses forms. In the case of successive shrinkage (200 passes) unto 90% at low internal stress in the same nickel a texture exhibiting a regular distribution of the crystal grains in both groups is produced. Such a perfect "monocrystallization" can be attained only when not more than 0.03% of impurities are contained. In technical nickel of the type H2 in which the total impurity content amounts to 2.5% under the influence of cold rolling and of a spontaneous shrinkage of 76% and unto more than 90% a texture with predominantly the group (110), [112] exhibiting

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

AUTHORS: Bryukhatov, N. L., Grinchar, N. A., Yekamasov, I. Ya. SOV/48-22-10-14/23

TITLE: Magnetic Analysis of the Deformation Texture of Cold Rolling and of the Recrystallization in Pure Electrolytic Nickel (Magnitnyy analiz tekstury deformatsii kholodnoy prokatki i rekristallizatsii v chistom elektroliticheskom nikele)

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1958, Vol 22, Nr 10, pp 1237 - 1243 (USSR)

ABSTRACT: In the present paper the authors developed a magnetic analysis of the deformation texture produced by cold rolling and of the recrystallization in pure electrolytic nickel. Besides, they examined the influence of the purity of the metal, of the conditions of cold rolling, of temperature and duration of annealing on the development and the nature of the texture as well as of the internal stresses. In the analysis of the cold rolling of nickel according to the data of x-ray analyses the group of the orientated crystal grains corresponding to the texture (110) and [112] as well as the group corresponding to the texture (112) [111] must be considered. The change of the sign of the second harmonics

Card 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

ITSKOVICH, G.M.; KISELEV, V.A.; CHERNAVSKIY, S.A., kand.tekhn.nauk; BOKOV, K.N.; FAGEL', A.Z.; BONCH-OSMOLOVSKIY, M.A.; GRINCHAR, G.N.; EL'KIND, V.D., tekhn.red.

[Collected problems and exercises of design for the course on machine parts] Sbornik zadach i primerov rascheta po kursu detalei mashin. Izd.2-e, perer. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1959. 330 p. (MIRA 13:10)
(Mechanical engineering--Problems, exercises, etc.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

ITSKOVICH, G.M., KISELEV, V.A., CHERNAVSKIY, S.A., NOKOV, K.N., FAGEL', A.Z., BONCH-OSMOLOVSKIY, M.A., GRINCHAR, V.N., CHERNAVSKIY, S.A., kandidat tekhnicheskikh nauk, nauchnyy redaktor TIKHONOV, A.Ya., tekhnicheskiy redaktor

[Collection of problems and methods of calculating machine parts] Sbornik zadach i primerov rascheta detalei mashin. Moskva, Gos. nauchno tekhn. izd-vo mashinostroit. lit-ry, 1957. 260 p. (MIRA 10:4)
(Machinery--Design)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHAR, G. N.

Grinchar, G. N. — "Investigation of the Fundamental Design Parameters of Bolt Bars and Feeders which are Being Used at Railroad Loading and Unloading Installations." Min Railways USSR, Moscow Order of Lenin and Order of Labor Red Banner Inst of Engineers of Railroad Transport imeni I. V. Stalin, Moscow, 1955 (Dissertation for Degree of Candidate of Technical Sciences).

SO: Knizhnaya Letopis', No. 23, Moscow, June, 1955, pp. 87-104.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHAR, F.N., prof.; YEGOROVA, L.I., kandidat meditsinskikh nauk

Pemphigus of the oral cavity treated with cortisone. Vest.ven. i derm. no.2:42-44 Mr-Ap '55. (MLRA 8:5)

(CORTISONE, therapeutic use,
pemphigus of mouth)
(MOUTH, diseases,
pemphigus, ther., cortisone)
(PEMPHIGUS,
mouth, ther., cortisone)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHAR, F.N., zasluzhennyy deyatel' nauki.

Discussion on prof. P.V.Kozhevnikov's article "Need for reviewing the nomenclature of skin diseases." Vest. ven. i derm. no.3:29-30 My-Je '54. (MLRA 7:8)

(SKIN, diseases,
*Russian nomenclature)
(NOMENCLATURE,
*skin dis., in Russia)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHAR, F.N., zasluzhennyy deyatel' nauki.

Dyshidrosis as a dystrophic process and epidermophytosis as a derivative and not an independent disease. Vest.ven.i derm. no.5:7-10 S-O '53. (MLRA 6:12)

1. Pochetnyy professor kafedry kozhnykh i venericheskikh bolezney II Moskovskogo meditsinskogo instituta im. I.V.Stalina.
(Skin--Diseases)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

BRAYTSEV, A.V., kandidat meditsinskikh nauk; GRINCHAR, F.N., professor, zasluzhennyy deyatel' nauki, direktor; MILOVIDOV, S.I., dotsent, direktor.

Quantitative active method of serodiagnosis of syphilis. Vest.ven. i derm. no.3:34-30 My-Je '53. (MLRA 6:7)

1. Kozhnaya klinika II Moskovskogo meditsinskogo instituta imeni Stalina (for Grinchar and Braytsev). 2. II Moskovskiy meditsinskiy institut imeni Stalina (for Milovidov). (Syphilis)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHAR, F.N.

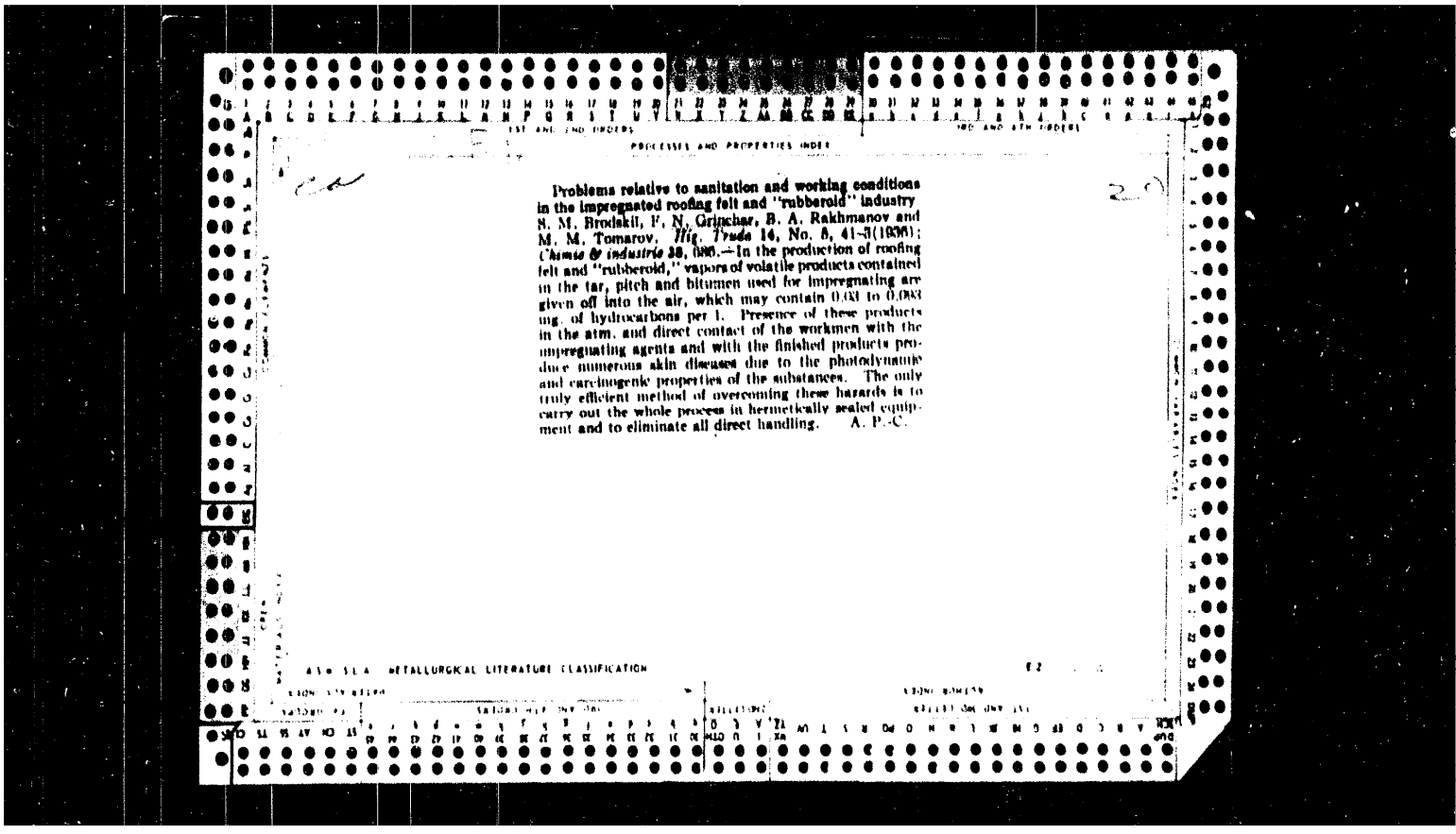
Importance of cortico-visceral relations for the theory and practice of clinical medicine. Vest. vener. no.5:3-13 Sept-Oct 1950.

(CIML 20:1)

1. Honored Worker in Science.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6



PROCESSES AND PROPERTIES INDEX

Problems relative to sanitation and working conditions in the impregnated roofing felt and "rubberoid" industry N. M. Brodskii, F. N. Grinchar, B. A. Rakhmanov and M. M. Tomarov. *Hig. Trudа* 14, No. 5, 41–3(1936); *Chimie & industrie* 38, 686.—In the production of roofing felt and "rubberoid," vapors of volatile products contained in the tar, pitch and bitumen used for impregnating are given off into the air, which may contain 0.03 to 0.003 mg. of hydrocarbons per l. Presence of these products in the atm. and direct contact of the workmen with the impregnating agents and with the finished products produce numerous skin diseases due to the photodynamic and carcinogenic properties of the substances. The only truly efficient method of overcoming these hazards is to carry out the whole process in hermetically sealed equipment and to eliminate all direct handling. A. P.-C.

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHAR, A. I., Cand Med Sci -- (diss) "Treatment of tubercular meningitis in adults." Moscow, 1960. 16 pp; (First Moscow Order of Lenin Medical Institute im I. M. Sechenov); 200 copies; price not given; (KL, 19-60, 138)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6

GRINCHAR, A.N.; KALANDADZE, Z.F.

Surgical treatment of tuberculosis in patients with clinically cured tuberculous meningitis; preliminary report. Probl.tub. 37 no.7: 53-55 '59. (MIRA 13:4)

1. Iz meningitnogo otdeleniya (zav. - prof. I.E. Sorkin) i vtorogo legochno-khirurgicheskogo otdeleniya (zav. - kand.med.nauk P.A. Semenkin) Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR (direktor - kand.med.nauk V.F. Chernyshev, zamestitel' direktora po nauchnoy chasti - prof. D.D. Aseyev).

(TUBERCULOSIS MENINGEAL compl.)
(TUBERCULOSIS, PULMONARY surg.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900044-6